

OVE Austrian Electrotechnical Association
Eschenbachgasse 9 | 1010 Wien | Austria
ZVR: 327279890 | www.ove.at

OVE Testing and Certification
Kahlenberger Str. 2A | 1190 Wien | Austria
T +43 1 370 58 06 | puz@ove.at



ENEC Certification Body registered under ID # 11.

Validity of ENEC Licences can be checked at www.enec.com

LICENCE

to use the European Mark



Licence No.: **251-130**

Date of issue: Wien, 2012 11 12
Rev. No.: 02 Wien, 2019 10 14

OVE the Austrian Electrotechnical Association as signatory to the **"Agreement on the use of a commonly agreed Mark of Conformity for certain electrical equipment complying with European Standards"** hereby grants the right to label the products mentioned hereunder and listed in the Annex with the Mark(s) shown above to the following company

Licenceholder: **Zumtobel Lighting GmbH**
Schweizer Str. 30
6850 Dornbirn
Austria

Product: **Luminaires for emergency lighting with limited surface temperatures**

Trade Mark:  **ZUMTOBEL**

Series/Type: **CROSSIGN ... P MSC...**

Basis for this given right is the conformity of the products with the requirements of the relevant Standard(s) as listed in the Annex and the fulfilment of articles 8 and 9 of the ENEC-Agreement by the manufacturer. This licence refers to the tested specimen and to all products manufactured strictly identical to the submitted one.

This licence has been issued under the presumption and conditional on the fact that the licensee holds all necessary legal rights with regard to the product presented for testing and certification.

Österreichischer Verband für Elektrotechnik
Head of Testing and Certification

Digitally signed by W. Martin
Email=w.martin@ove.at

Dipl.-Ing. W. Martin



OVE Testing and Certification

Accredited by the Federal Ministry for Digital and Economic Affairs as Certification Body for products within the scope as given in the official decree and published under www.bmdw.gv.at/akkreditierung.



<i>Hersteller Manufacturer</i>	Zumtobel Lighting GmbH Schweizer Str. 30 6850 Dornbirn Austria
<i>Fertigungsstätte(n) Factory location(s)</i>	Zumtobel Lighting GmbH Schweizer Str. 30 6850 Dornbirn Austria
<i>Typenbezeichnung Type reference</i>	Series CROSSIGN ... P MSC..., see page 5
<i>* Prüfbericht Test Report</i>	TR-251-0009-02 ECS, TR-251-0009-03 ECS, TR-251-0009-06 ECS, TR-251-0009-07 ECS
<i>Nationale Bestimmung(en) National Standard(s)</i>	ÖVE/ÖNORM EN 60598-1:2015-11-01 ÖVE/ÖNORM EN 60598-2-22:2015-07-01 ÖVE/ÖNORM EN 60598-2-24:2014-05-01
<i>Europannorm(en) European Standard(s)</i>	EN 60598-1:2015 EN 60598-2-22:2014 EN 60598-2-24:2013
<i>* Ersatz für Zertifikat Superseded licence</i>	251-130 Rev. 01 dated 2019 01 23 Items modified are marked with an asterisk (*)
<i>Anmerkung(en) Remark(s)</i>	CTF Stage 2

OVE Testing and Certification

Accredited by the Federal Ministry for Digital and Economic Affairs as Certification Body for products within the scope as given in the official decree and published under www.bmdw.gv.at/akkreditierung.

<i>Nennspannung</i> <i>Rated voltage</i>	220-240 V; 50/60 Hz
<i>Anzahl und Leistung der Lampen</i> <i>Rated wattage and number of lamps</i>	1 x LEM S18..., 1 x LEM S18/2..., 1 x LEM S24..., 1 x LEM S24/2...,
<i>Lampentyp(en)</i> <i>Lamp identification</i>	LED modules (ILCOS: DSL)
<i>Schutzgrad</i> <i>Degree of protection</i>	IP42 (MSC), IP54 (MSC IP54)
<i>Netzanschluss</i> <i>Supply connection</i>	Screwless terminals
<i>Befestigungsfläche</i> <i>Supporting surface</i>	Normally flammable surface
<i>Schutzklasse</i> <i>Class of protection</i>	CI.II
<i>Beschreibung des Aufbaus</i> <i>Description of construction</i>	Escape sign emergency luminaire with limited surface temperature for wall-, suspended- or ceiling-mounting. Housing and cover with escape sign are made of polycarbonate. Escape-route illumination (ERI) function provided by two additional high power LEDs and asymmetric lenses with 360° adjustment, latched in 90° positions.
<i>Zusatzinformation</i> <i>Additional information</i>	Light source classified as RG1(low risk) according to EN 62471:2008.

OVE Testing and Certification

Accredited by the Federal Ministry for Digital and Economic Affairs as Certification Body for products within the scope as given in the official decree and published under www.bmdw.gv.at/akkreditierung.

<i>Bauteil Component</i>	<i>Code Code</i>	<i>Hersteller Manufacturer</i>	<i>Typenbezeichnung Type Reference</i>	<i>Konformitätszeichen Mark(s) of conformity</i>
<i>LED module</i>	A*	Zumtobel	LEM S18..., LEM S18/2..., LEM S24..., LEM S24/2...	ÖVE
<i>LED control gear</i>	B	Tridonic	EM powerLED NTx 102 DIM 5W ZUM	ENEC 12
*	B	Tridonic	EM powerLED NSI 100 DIM 5W ZUM	ENEC 12
*	B	Tridonic	EM powerLED NDA 100 DIM 5W ZUM	ENEC 12
*	B	Tridonic	EM powerLED NPS 100 DIM 5W ZUM	ENEC 12
<i>Battery</i>	A	GP	GP220SCHT; 2,4V; 2200mAh; T=50°C	CB (JPTUV-066162)
	A	GP	GP400LALHT; 2,4V 4000mAh; T=50°C	CB (JPTUV-066162)
<i>Terminal</i>	A	Electro Terminal	SLK 5; 450V; 24A; 0,5-2,5 mm²; T85	ENEC 11
<i>Wiring</i>	A	Leoni	Ecosense S05G-U; 300/500 V; 0,5-1 mm² ; 110°C	BBJ
	C	Huber + Suhner	RADOX/ UL 3266 / CSA AWM I A/B; 300 V; 0,38mm²(AWG22)	Checked within appliance

A The component is replaceable with another one, also certified, with equivalent characteristics.
A* The component is replaceable with another one according to ETF5-OSM-LUM/DSH OD-5002-3:2015
B The component is replaceable if authorised by the test house.
C Integrated component tested together with the appliance.
D Alternative component.

OVE Testing and Certification

Accredited by the Federal Ministry for Digital and Economic Affairs as Certification Body for products within the scope as given in the official decree and published under www.bmdw.gv.at/akkreditierung.

Typecode:

CROSSIGN ... P MSC

Country specific

None
BAES.....France

Degree of protection

none
IP54

Luminaire colour

WH White
BK Black

Escape Route Illumination (ERI)

None
ERI

Supply version

E1D Emergency **1** hour self-contained **DALI**
 E2D Emergency **2** hour self-contained **DALI**
 E3D Emergency **3** hour self-contained **DALI**
 ECC.....Emergency **C**entral battery **C**ircuit
 Monitoring
 ECD.....Emergency **C**entral battery **DALI**
 ECP.....Emergency **C**entral battery **P**owerline

Mounting version

MSC **M**ounting **S**urface **C**eiling

Luminaire version

Dimension lumineuse

110, 160

Luminaire series

OVE Testing and Certification

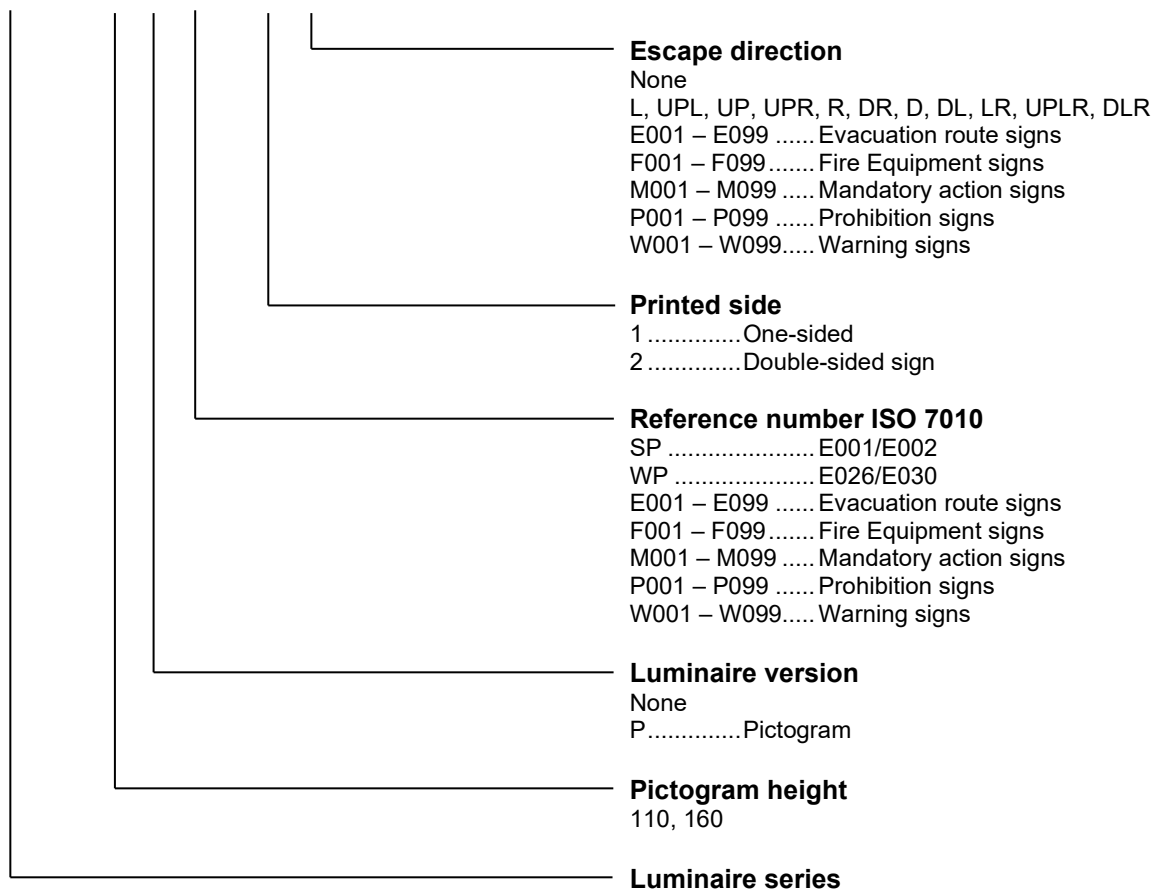
Accredited by the Federal Ministry for Digital and Economic Affairs as Certification Body for products within the scope as given in the official decree and published under www.bmdw.gv.at/akkreditierung.

Accessories:

CROSSIGN 110/160 P MSC-CORD20 suspension
CROSSIGN 110/160 P MSC-R05 suspension
PURESIGN/CROSSIGN P ERI SET 20 PCS.
CROSSIGN 110/160 P MSW bracket
CROSSIGN 160 P MS90° bracket
CROSSIGN 110 P MS90° bracket
SAFETYSIGNS P BP Grid

Typecode Pictogram:

CROSSIGN ... -



OVE Testing and Certification

Accredited by the Federal Ministry for Digital and Economic Affairs as Certification Body for products within the scope as given in the official decree and published under www.bmdw.gv.at/akkreditierung.